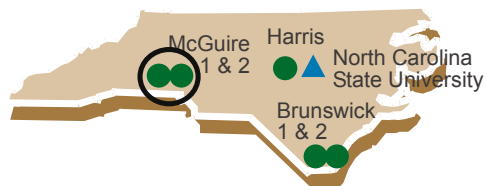
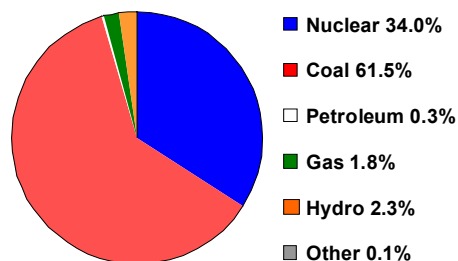


# NORTH CAROLINA



- Operating Reactors = 5 at 3 sites
- Commercial Dry Storage Sites
- ▲ Operating Research Reactors = 1 at 1 site

**2002 Electricity Generation Mix<sup>1</sup>**  
(includes utility and non-utility generation)

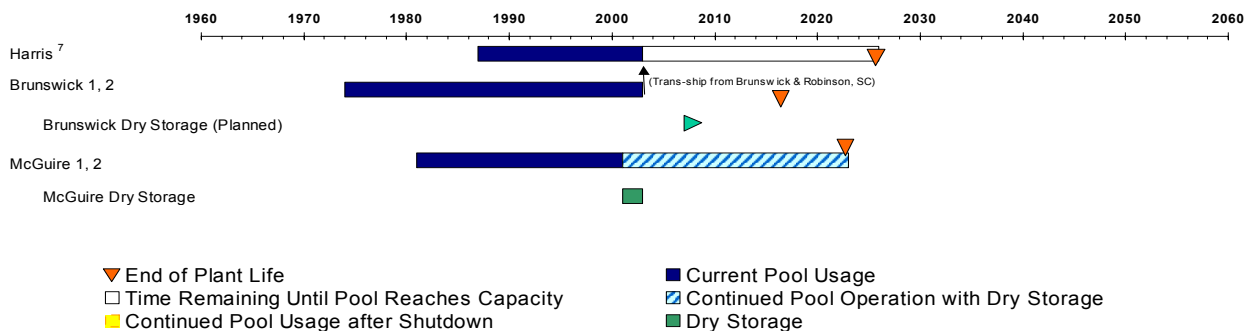


FACILITY	OWNER	LICENSE PERIOD	PLANT OUTPUT/TYPE <sup>2</sup>
NC State	North Carolina State University		Pulstar
Harris	Progress Energy Carolina <sup>3</sup>	1987-2026	860 MWe/PWR
Brunswick 1	Progress Energy Carolina <sup>3</sup>	1976-2016 <sup>4</sup>	767 MWe/BWR
Brunswick 2	Progress Energy Carolina <sup>3</sup>	1974-2014 <sup>4</sup>	754 MWe/BWR
W. B. McGuire 1	Duke Power Co. <sup>5</sup>	1981-2021 <sup>6</sup>	1100 MWe/PWR
W. B. McGuire 2	Duke Power Co. <sup>5</sup>	1983-2023 <sup>6</sup>	1100 MWe/PWR

## SPENT NUCLEAR FUEL INVENTORIES

Cumulative spent fuel (projected as of end-2002, per 1998 RW-859): **2,068 MTU**  
amount currently in dry storage: **145 MTU**

## Spent Fuel Storage Status



## NUCLEAR WASTE FUND

Cumulative payments as of September 30, 2003: **\$622 million**

<sup>1</sup> Data for Electricity Net Generation Mix from Electric Power Monthly, Tables 8-13, 62-66 [DOE/EIA-0226(2003/03)], & Table 75 [2003/03].

<sup>2</sup> Data for Plant Output/Type from NRC Information Digest (NUREG-1350, Vol. 12, 2000) and Nuclear News (Vol 46 No. 3, March 2003).

<sup>3</sup> CP&L's acquisition of Florida Progress Corporation (FL) to form Progress Energy, Inc. closed on December 1, 2000. William Cavanaugh III is Chairman and CEO of Progress Energy, Inc.

<sup>4</sup> Utility has announced plans to submit license extension applications to NRC for Brunswick 1 & 2 in June 2004.

<sup>5</sup> Owned by Duke Energy Corporation.

<sup>6</sup> Utility submitted license extension applications to NRC for McGuire 1 & 2 on June 13, 2001.

<sup>7</sup> Harris has 4 pools licensed to store both BWR & PWR SNF. SNF from Brunswick and Robinson (SC) is trans-shipped for storage in the Harris pools.